

# 32" WATERPROOF & TRANSFLECTIVE DATASHEET

## WIDESCREEN LCD MONITOR HEAD

### 29LM323A31MPIPT

## WIDESCREEN XGA MULTISCAN MONITOR

The 29LM323A31MPIPT Series of 32" LCD monitors has been designed primarily for control room and public information applications. They utilise TFT panels with KME designed mechanical enhancements to give superior image performance and ruggedness. All elements, including a toughened protection screen, have been packaged in a rugged metal housing.

The IP model provides additional sealing to IP65 in a rugged metal housing with a glass protection screen, making it suitable for sheltered external usage. The transfective Helierview™ transfective technology enables near perfect viewing even in direct sunlight. The user controls and AC power supply are integrated in the monitor head.

Full user controls and the AC power supply are rear mounted to the monitor. The monitor is suitable for use with 16:9, 4:3 and 5:4 aspect ratio video; its multiple video inputs make it usable in a range of applications with simple interfacing to most video and data systems.

### HIGH QUALITY WIDESCREEN DISPLAYS

- > **Designed for purpose**  
The 32" widescreen LCD monitor has been specifically designed for external Public Information applications.
- > **High Brightness and Wide Viewing Angles**
- > **Helierview™ transfective technology**  
Transfective helierview™ technology enables daylight viewing.
- > **IP65 sealed**  
The monitor is sealed to IP65 rating for water and dust resistance.
- > **Construction**  
Rugged metal construction with safety faceplate, suitable for sheltered external usage.



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# DATASHEET

Electrical Description		Mechanical Description	
<b>TFT Characteristics:</b>		<b>Dimensions:</b>	Monitor: 815 x 501 x 130 mm Weight: 40kg
Type:	a-Si Colour TFT/PVA		
Max Resolution:	1366 x 768 pixels		
Active Display Area:	687 x 392 mm	<b>User Controls:</b>	Rear Mounted
Response Time:	8ms	<b>Housing</b>	Painted aluminium
*Contrast Ratio:	1000:1 typical	<b>Sealing</b>	IP65
*Brightness:	450cd/m <sup>2</sup> typical		
Viewing Angles (at CR>10):	170 ° / 170 °		
Backlight Life:	50,000 hours typical		
No. Colours:	16.7 million		
<b>Video Signal:</b>			
<b>Input Connector:</b>	HD 15 D-Sub / BNC		
<b>Synchronisation Range:</b>			
Horizontal scan:	30 to 70kHz		
Vertical scan:	50 to 85Hz		
<b>Display modes:</b>			
VESA Support:	640 x 480 800 x 600 1024 x 768 1280 x 1024 1360 x 768 1366 x 768 (recommended)		
<b>Power Supply:</b>	90 - 260V AC 50-60 Hz		
<b>Power Consumption:</b>	180W (Max)	<b>Part Numbers:</b>	
<b>Environmental:</b>	Operating Temp: 0 to 50 °C Storage Temp: -20 to +60 °C	Monitor:	29LM323A31MPIPT

Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trademarks acknowledged.

\*Brightness and Contrast refer to naked LCD panel

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